

### **REMARKS**

In the Office Action dated October 5, 2004, claims 1–13 were considered. Claims 3, 5, 8 and 11 were rejected under 35 U.S.C. §112, second paragraph, as being indefinite. Claims 3, 5, 8 and 11 were also rejected under 35 U.S.C. §101, as not being proper process claims. Claims 1–5 were rejected under 35 U.S.C. §102 as being anticipated by Applicants' admitted prior art and also by U.S. Patent No. 6,107,684 to Busking et al. ("Busking"). Claims 6-13 were rejected under 35 U.S.C. §103(a) as being unpatentable over one or more of: Busking; Applicants' admitted prior art; U.S. Patent No. 5,844,301 to Van Roosmalen; U.S. Patent No. 5,563,762 to Leung; and U.S. Patent No. 6,166,971 to Tamura.

Applicants hereby amend claims 1 and 2 without any intention of disclaiming any equivalents thereof. Applicants also cancel claims 3-13. Support for the amendments to the claims may be found in the specification, in the drawings, and in the claims as originally-filed.

Applicants respectfully submit that no new matter is entered by the present amendments to claims 1 and 2. Upon entry of this paper, claims 1 and 2 will be pending in this application. Reconsideration is respectfully requested.

#### **Rejection of Claims 3, 5, 8 and 11 Under 35 U.S.C. §112 and §101**

Claims 3, 5, 8, and 11 were rejected under 35 U.S.C. §112, second paragraph, as being indefinite for failing to point out and distinctly claim the subject matter which applicant regards as the invention. Claims 3, 5, 8 and 11 were also rejected under 35 U.S.C. §101, as not being proper process claims. The present cancellation of claims 3, 5, 8, and 11 moot this ground of rejection.

#### **Rejection of Claims 3-13 Under 35 U.S.C. §103**

Claims 6-13 were rejected under 35 U.S.C. §103(a) as being unpatentable over one or more of: Busking; Applicants' admitted prior art; U.S. Patent No. 5,844,301 to Van Roosmalen; U.S. Patent No. 5,563,762 to Leung; and U.S. Patent No. 6,166,971 to Tamura. The present cancellation of claims 6-13 moot this ground of rejection.

**Rejection of Claims 1–5 Under 35 U.S.C. §102 and §Applicants’ Admitted Art**

Claims 1–13 were rejected under 35 U.S.C. §102 and 103 as being anticipated by Busking and by Applicants’ admitted prior art.

**Amended Independent Claim 1**

Applicants’ amended independent claim 1 recites, in part,

(a) an integrated circuit die having at least one circuit etched thereon, the circuit comprising elements which require theoretically negative reactive component values; and

(b) a housing containing said integrated circuit die, wherein said integrated circuit die is electrically coupled to said housing using at least one wire bond; wherein said each wire bond(s) has (have) an inductance associated therewith; and wherein the negative reactive component values theoretically required by the integrated circuit are actually incorporated into the circuit through the use of wire bonds having pre-determined inductance values. ~~wherein said wire bond inductance is used to facilitate operation of said at least one circuit.~~

Neither Busking nor Applicants’ admitted prior art teaches or suggests the limitations of Applicants’ amended independent claim 1.

Accordingly, for at least this reason, Applicants respectfully submit that amended independent claim 1 is patentable over both Applicants’ admitted prior art and Busking.

Because claim 2 depends directly from amended independent claim 1, Applicants submit that this claim is also patentable over Busking and Applicants’ admitted prior art.

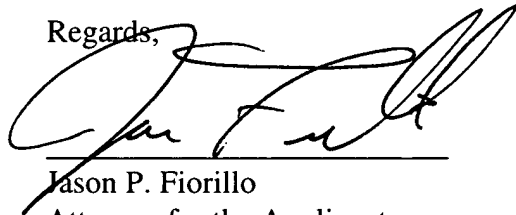
Accordingly, Applicants respectfully request that the rejection of claims 1 and 2 under 35 U.S.C. §102 be reconsidered and withdrawn.

**CONCLUSION**

Applicants believe the above amendments and remarks to be fully responsive to all the grounds of rejection raised in the Office Action. Applicants request that the Examiner reconsider the application and claims 1-2 in light of the foregoing Amendment and Response, and respectfully submit that the pending claims are in condition for allowance. Accordingly, Applicants request withdrawal of all grounds of rejection, and allowance of claims 1-2 in due course.

If, in the Examiner's opinion, a telephonic interview would expedite the favorable prosecution of the present application, the undersigned attorney would welcome the opportunity to discuss any outstanding issues, and to work with the Examiner toward placing the application in condition for allowance.

Regards,



Jason P. Fiorillo  
Attorney for the Applicants  
Kirkpatrick & Lockhart Nicholson Graham  
75 State Street  
Boston, MA 02109

Date: April 5, 2005  
Reg. No.: 52,892  
Tel. No. (617) 261-3186  
Fax No. (617) 261-3175

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